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Amendments to the Specification

Please add the following new paragraph after the paragraph ending on page 32, line 27:

Production of TG-hAPP Mice

The platelet-derived growth factor (PDGF)-APP_{Ind} transgene (Games, D., et al. (1995) Nature (London) 373: 523-527; Rockenstein, E.M., et al. (1995) J. Biol. Chem. 270: 28257-28267) and the generation of PDGF-APP_{Ind} line H6 (Wyss-Coray, T., et al. (1997) Nature (London) 389: 603-606) have been described. The Swedish mutation was introduced into the PDGF-APP_{Ind} transgene by PCR primer modification, and the correctness of PCR-amplified regions was confirmed by sequencing essentially as described (Rockenstein, et al.). Microinjection of the PDGF-APP_{Sw, Ind} transgene into (C57BL/6 x DBA/2) F2 one-cell embryos, identification of transgenic founders by slot blot analysis of genomic DNA, and selection of the APP_{Sw, Ind} expresser line J9 by RNase protection assay (RPA) analysis were carried out according to previously described procedures (Games, et al.; Rockenstein, et al.). Transgenic lines were maintained by crossing heterozygous transgenic mice with nontransgenic (C57BL/6 x DBA/2) F1 breeders. All transgenic mice were heterozygous with respect to the transgene. Nontransgenic littermates served as controls.